

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(D1C2CD) Hex(FFE8F9) Hex(D1C2C6) Hex(695E66) Hex(A8007B) Hex(29001E)

	Hex(D1C2CD)	Hex(FFE8F9)	Hex(D1C2C6)	Hex(695E66)	Hex(A8007B)	Hex(29001E)
Hex(D1C2CD)		Ratio: 1.48 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 11.06 Passed ⁶
Hex(FFE8F9)	Ratio: 1.48 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 16.32 Passed ⁶
Hex(D1C2C6)	Ratio: 1.01 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 3.61 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 11.00 Passed ⁶
Hex(695E66)	Ratio: 3.63 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 3.61 AA 18pt ²		Ratio: 1.15 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(A8007B)	Ratio: 4.17 AA 18pt ²	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 4.15 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(29001E)	Ratio: 11.06 Passed ⁶	Ratio: 16.32 Passed ⁶	Ratio: 11.00 Passed ⁶	Ratio: 3.05 AA 18pt ²	Ratio: 2.65 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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